

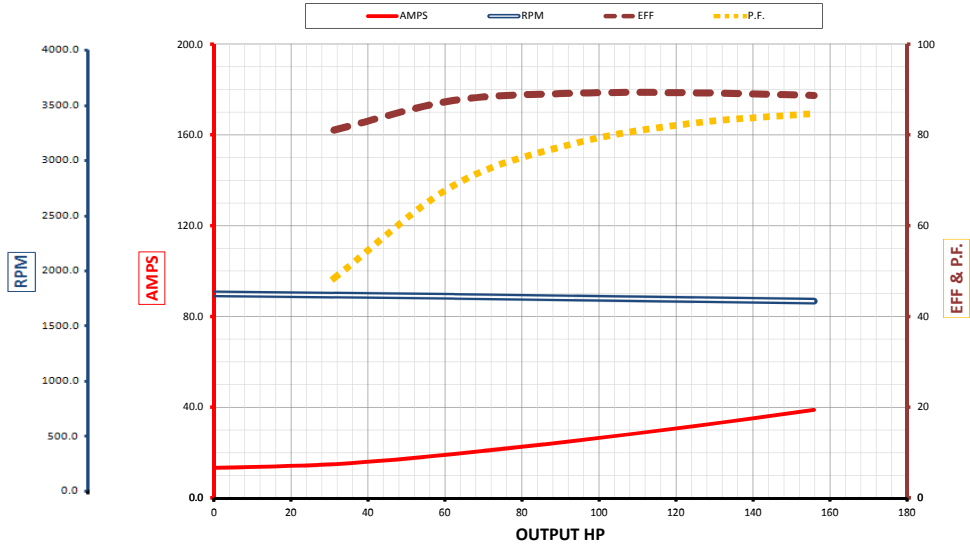


# MOTOR PERFORMANCE DATA

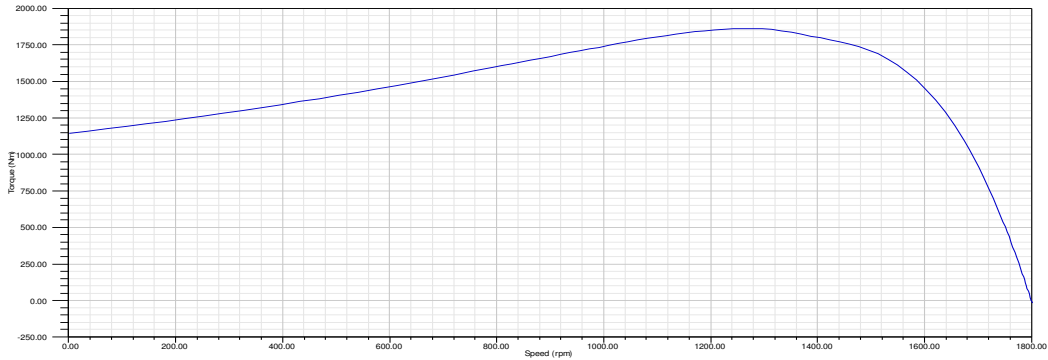
Model: **12" 4P Submersible Motor**

<b>WATER</b>	Type	125	HP	32	AMPS	<b>Date: 28/07/2014</b> <b>125 HP</b> <b>1750 RPM</b> <b>980 mm Stack</b>
3	Phase	2300	Volt	1750	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	508	Nm	No Load	0	0	4	0	0.08	1800	13.3
Break Down Torque	1861	Nm	25%	23	31	29	81.1	0.48	1789	14.9
Locked Rotor Torque	1145	Nm	50%	47	62	53	87.6	0.69	1777	19.4
Locked Rotor Current	190	Amps	75%	70	94	78	89.2	0.78	1764	25.2
Winding Resistance	2.40	Ohms	100%	93	125	104	89.3	0.83	1750	31.7
Weight (With Water)	700	Kg (Approximate)	125%	116	156	131	88.7	0.85	1735	38.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

